

Title (en)

METHOD AND DEVICE FOR LINING HOLLOW SHAPED PARTS ON THE INTERIOR

Publication

EP 0026945 B1 19830302 (DE)

Application

EP 80200368 A 19800423

Priority

DE 2940188 A 19791004

Abstract (en)

[origin: EP0026945A1] 1. Method for lining hollow shaped parts on the interior, in particular for chimneys or suchlike with a thermal insulating layer of an insulating material, principally of expanded vermiculture and a hydraulic binding agent in which the insulating material is introduced in an annular slot (5) formed between the shaped part (3) and an inner core (4), characterised in that an insulating material with a ratio of water to solid matter of the insulating material of between 1.2 and 2 to 1 is used, that the insulating material is condensed such that it has a gross density of 150 to 400 g/l and/or a compression strength of 0.1 to 1 N/mm**2 and a coefficient of thermal conductivity of $\lambda = 0.18$ to 0.20 W/m . K at an application temperature of 800 degrees to 1000 degrees C, and that the inner core is removed after consolidation and the shaped part is stored up to approximately 48 hours, with drying out being prevented.

IPC 1-7

E04F 17/02

IPC 8 full level

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CPC (source: EP)

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C-Set (source: EP)

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Cited by

EP0072506A1; DE3413192A1; DE3205165A1; EP3239435A1; CZ298380B6; EP1375098A3; EP3239435B1

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